

Research Trial

Intra-articular mesenchymal stem cell injections following arthroscopic microfracture vs arthroscopic microfracture alone for knee cartilage defects

– A pilot study

We would like to inform you of the above research trial being undertaken at Melbourne Stem Cell Centre in conjunction with Dr Jon Ford and Latrobe University.

Participants will be randomized to 2 different groups with one group undergoing microfracture and later autologous mesenchymal stem cell intra-articular injections and the other group undergoing microfracture alone.

The focus of the study is to evaluate whether the use of mesenchymal stem cell therapy improves the quality of cartilage repair resulting in more hyaline 'like' cartilage post arthroscopic microfracture.

The study is focused on the post operative management following microfracture and therefore does not influence the surgical management which does not form part of the study.

This study is funded and there will be no charge to the participants.

Inclusion Criteria (abbreviated)

1. Radiological diagnosis of an isolated full thickness knee cartilage defect of the medial femoral condyle
2. Planned arthroscopic microfracture
3. Aged between 18-50 (inclusive)

If you think that you have a patient that may be suitable for the trial please inform the patient of the trial and provide them with the contact details below. Direct referral can also be made the trial clinician Dr Julien Freitag.

Microfracture Research Trial
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A patient explanatory statement can be viewed on the following link :
<http://mscc.com.au/research>

Thankyou for your consideration of this study.

Yours sincerely,



Dr Jon Ford